

NOTES ON A SMALL COLLECTION OF HELICOID LAND SHELLS  
FROM THE SHOUTEN ISLANDS, DUTCH NEW GUINEA, WITH  
DESCRIPTIONS OF TWO NEW SPECIES OF PAPUINA.

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*Read 14th April, 1916.*

PLATE III, FIGS. 9-14.

THE shells here noted were collected by Mr. Pratt on the Island of Wiak and a smaller unnamed island to the south-east of it.

1. *XESTA AULICA*, Pfr. Wiak I.

A number of examples of this species were obtained, most of them being the usual colour varieties, but two are new to me; one has the apical whorls white, whilst the lower whorls are covered with a very light uniform greenish-yellow periostracum; the other shows various shades of brown from reddish to a dark smoky brown; both varieties have the usual darker-coloured spiral band and are not polished, but exhibit a duller surface than is usual in this protean species.

2. *XESTA FRAUDULENTA*, Smith. Wiak I.

In addition to the typical form one or two specimens were collected that have a narrow spiral band of darker colour situate just above the periphery of the last whorl and continued upwards towards the spire.

3. *XESTA PORCELLANICA*, Sarasin. S.E. of Wiak I.

Some specimens are of a uniform whitish coloration; others have a narrow reddish-brown band at the suture, which is continued to about the first half of the last whorl.

4. *CHLORITIS CIRCUMDATA*, Fér. Wiak I.

5. *CHLORITIS (ALBERSIA) ZONULATA*, Fér. Wiak I.

6. *PAPUINA HERO*, Smith. S.E. of Wiak I.

Very large examples of this handsome species; the type is smaller, but not so small as some specimens that were collected on a former expedition by Mr. Pratt at Muswar I., Geelvink Bay; the species evidently varies greatly in size.

7. *PAPUINA TROCHIFORMIS*, Preston. Wiak I.

Two specimens, both of which have a somewhat higher spire than the type, but agree well with it in other respects.

8. *PAPUINA SUBCOSTATA*, n.sp. Pl. III, Figs. 12-14.

Shell depressed trochoid, moderately solid, openly umbilicated to a width of about 4 mm., light brown with a rather broad band of darker brown encircling the last whorl, situated just above the middle and continued upwards for a short distance at the suture of the

penultimate whorl, the last two whorls have a whitish thread-like line at the suture, upper part of shell finely obliquely striated, on the lower two whorls the striæ gradually become stronger until the last half-whorl has the appearance of being broadly but obtusely costate, the whole surface of the lower whorls is covered with a microscopic granulation; whorls  $5\frac{1}{2}$ , slightly convex, the last rounded but showing some indications of a keel; aperture transversely oval, whitish within, the outer band showing through; peristome white, very oblique, broadly expanded and somewhat reflexed, margins joined by a thin transparent callus.

Maj. diam. 36, alt. 22 mm.

*Hab.*—Wiak I.

Allied to the *Papuina labium-lituus-multizona-wallaceana-aurora* group (all of which may prove to be but varying forms of one species), but our new species can be easily distinguished from all by its open umbilicus and the coarse oblique sculpture of the last whorl. The specimen selected for the type is of a light yellowish-brown with a rather broad dark-brown band at the periphery of the last whorl; but there are also specimens of a uniform dark brown without any band, and other examples have the last whorl dark brown, whilst the upper whorls exhibit a lighter-brown coloration. All have the characteristic open umbilicus and coarse sculpture.

#### 9. PAPUINA LEPIDA, n.sp. Pl. III, Figs. 9–11.

Shell depressed trochiform, rather thin and transparent, openly umbilicated to width of about 3 mm., of a very light yellowish-brown colour; whorls 5, distinctly convex, with very fine oblique striæ or lines of growth, lower whorls covered with microscopic waved granules, last half-whorl is bluntly whilst the first half is sharply carinate, there is a spiral white thread at the suture of the penultimate which is continued half-way round last whorl, where it is covered by a narrow reddish-brown band which extends to the peristome; aperture transversely oval, whitish within; peristome expanded and slightly reflexed, flesh-coloured.

Maj. diam. 29, alt. 17 mm.

*Hab.*—Wiak I.

Approaching but quite distinct from *P. pseudolanceolata*, Dtz., and *P. callosa*, Sykes, from both of which it is easily distinguished by its open umbilicus and much less angular peristome.

#### EXPLANATION OF FIGURES ON PLATE III.

FIGS.

9–11. *Papuina lepida*, n.sp.

12–14. *P. subcostata*, n.sp.